



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/048,071	10/23/2002	1645	1149	22221/1023	29	91	3

CONFIRMATION NO. 1435

FILING RECEIPT



OC000000010163292

Michael L Goldman
 Nixon Peabody
 Clinton Square
 PO Box 31051
 Rochester, NY 14603-1051

Date Mailed: 06/03/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Michael E. O'Donnell, Hasting-on-Hudson, NY;
 Irina Bruck, New York, NY;
 Dan Zhang, Forest Hills, NY;
 Richard Whipple, Rareton, NJ;

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US00/20666 07/28/2000

Foreign Applications

UNITED STATES OF AMERICA 60/146178 07/29/1999

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Dna replication proteins of gram positive bacteria and their use to screen for chemical inhibitors

22221/1023
 JUL 28 2003
 ENTERED
 Nixon Peabody LLP

Preliminary Class

536

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
22221/1023

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DNA REPLICATION PROTEINS OF GRAM POSITIVE BACTERIA AND
THEIR USE TO SCREEN FOR CHEMICAL INHIBITORS**

the specification of which (check only one item below):

- ☐ is attached hereto.
- ☐ was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).
- ☒ was filed as PCT International Application Number **PCT/US00/20666** on **July 28, 2000** and assigned U.S. Patent Application Serial No. **10/048,071**.

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim priority benefits under Title 35, United States Code, § 119 of any application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
U.S.A.	60/146,178	29 July 1999	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

**COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY (Continued)**
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
22221/1023

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check One)			
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **Michael L. Goldman, Registration No. 30,727; Joseph M. Noto, Registration No. 32,163; Gunnar G. Leinberg, Registration No. 35,584; Edwin V. Merkel, Registration No. 40,087; Georgia Evans, Registration No. 44,597; Alice Y. Choi, Registration No. 45,758; Andrew K. Gonsalves, Registration No. 48,145; Noreen L. Connolly, Registration No. 48,987; John Campa, Registration No. 49,014**

Send Correspondence to:	Michael L. Goldman, Esq. NIXON PEABODY LLP Clinton Square, P.O. Box 31051 Rochester, New York 14603-1051	Direct telephone calls to: Michael L. Goldman (585) 263-1304
-------------------------	---	--

201	FULL NAME OF INVENTOR	FAMILY NAME O'DONNELL	FIRST GIVEN NAME Michael	SECOND GIVEN NAME E.
	RESIDENCE & CITIZENSHIP	CITY Hasting-on-Hudson	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 16 Maple Lane	CITY Hasting-on-Hudson	STATE & ZIP CODE/COUNTRY New York 10706 U.S.A.
202	FULL NAME OF INVENTOR	FAMILY NAME BRUCK	FIRST GIVEN NAME Irina	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 1161 York Avenue, Apt. 11M	CITY New York	STATE & ZIP CODE/COUNTRY New York 10021 U.S.A.
203	FULL NAME OF INVENTOR	FAMILY NAME ZHANG	FIRST GIVEN NAME Dan	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Forest Hills	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 68-37 108th Street, #3B	CITY Forest Hills	STATE & ZIP CODE/COUNTRY New York 11375 U.S.A.
204	FULL NAME OF INVENTOR	FAMILY NAME WHIPPLE	FIRST GIVEN NAME Richard	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Rareton	STATE/FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 91 First Avenue	CITY Rareton	STATE & ZIP CODE/COUNTRY New Jersey 08869 U.S.A.

I hereby declare that all statements made by me of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Mike Galt</i>	SIGNATURE OF INVENTOR 202 <i>[Signature]</i>	SIGNATURE OF INVENTOR 203 <i>Dan Zhang</i>
DATE	DATE <i>4/18/02</i>	DATE <i>4/18/02</i>
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
22221/1023

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DNA REPLICATION PROTEINS OF GRAM POSITIVE BACTERIA AND
THEIR USE TO SCREEN FOR CHEMICAL INHIBITORS**

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as U.S. Patent Application Serial No. _____ on _____ and was amended on _____ (if applicable).

☒ was filed as PCT International Application Number **PCT/US00/20666** on **July 28, 2000** and assigned U.S. Patent Application Serial No. **10/048,071**.

I hereby state that I have reviewed and understand the contents of the above-identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim priority benefits under Title 35, United States Code, § 119 of any application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States listed below and have also identified below any application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (IF PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
U.S.A.	60/146,178	29 July 1999	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

**COMBINED DECLARATION FOR PATENT
APPLICATION AND POWER OF ATTORNEY (Continued)**
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
22221/1023

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT International filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **Michael L. Goldman, Registration No. 30,727; Joseph M. Noto, Registration No. 32,163; Gunnar G. Leinberg, Registration No. 35,584; Edwin V. Merkel, Registration No. 40,087; Georgia Evans, Registration No. 44,597; Alice Y. Choi, Registration No. 45,758; Andrew K. Gonsalves, Registration No. 48,145; Noreen L. Connolly, Registration No. 48,987; John Campa, Registration No. 49,014**

Send Correspondence to:

Michael L. Goldman, Esq.
NIXON PEABODY LLP
Clinton Square, P.O. Box 31051
Rochester, New York 14603-1051

Direct telephone calls to:
Michael L. Goldman
(585) 263-1304

201	FULL NAME OF INVENTOR	FAMILY NAME O'DONNELL	FIRST GIVEN NAME Michael	SECOND GIVEN NAME E.
	RESIDENCE & CITIZENSHIP	CITY Hasting-on-Hudson	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 16 Maple Lane	CITY Hasting-on-Hudson	STATE & ZIP CODE/COUNTRY New York 10706 U.S.A.
202	FULL NAME OF INVENTOR	FAMILY NAME BRUCK	FIRST GIVEN NAME Irina	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY New York	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 1161 York Avenue, Apt. 11M	CITY New York	STATE & ZIP CODE/COUNTRY New York 10021 U.S.A.
203	FULL NAME OF INVENTOR	FAMILY NAME ZHANG	FIRST GIVEN NAME Dan	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Forest Hills	STATE/FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 68-37 108th Street, #3B	CITY Forest Hills	STATE & ZIP CODE/COUNTRY New York 11375 U.S.A.
204	FULL NAME OF INVENTOR	FAMILY NAME WHIPPLE	FIRST GIVEN NAME Richard	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Rareton	STATE/FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.
	POST OFFICE ADDRESS	P.O. ADDRESS 91 First Avenue	CITY Rareton	STATE & ZIP CODE/COUNTRY New Jersey 08869 U.S.A.

I hereby declare that all statements made in this application of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE 5/18/02	DATE	DATE

Page 3 of 3